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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/897,570	07/02/2001	Ko-Chien Chuang	39088/235963	9700

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EXAMINER

LIN, WEN TAI

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/897,570

Applicant(s)

CHUANG, KO-CHIEN

Examiner

Wen-Tai Lin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-17 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 4-9 and 11-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sisodia et al.(hereafter "Sisodia")[U.S. PGPub 20030165128] in view of Jang et al.(hereafter "Jang")[U.S. PGPub. 20020091754].

4. As to claim 1, Sisodia teaches the invention substantially as claimed including: an online device [i.e., a standalone "access point" device] for communicating between an Internet and an information processor [e.g., the portable computer], comprising:

a memory storing an online program, a starting program and a network address therein [paragraph 28; Fig.3; note that by default there must be an online program and a network address residing in the access point device in order for the access point device

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to establish a connection between an Internet site and the portable computer (see paragraphs 9-11); likewise there must be a starting program running in the access point device in order to communicate with the portable computer (see paragraph 34));

a button outputting a control signal in response to a touch [211, Fig.3; paragraphs 24 and 34];

a network linking device in communication with said Internet under the control of said online program [340, Fig.3];

a microprocessor in communication with said memory, said button, said network linking device [Fig.3] and said information processor for processing said online program, said starting program and said network address stored in said memory, wherein said online program is executed for linking said network linking device to a web site which corresponds to said network address of said Internet, and said starting program is executed for starting said information processor to read in a download information from said web site in response to said control signal. [e.g., paragraphs 9-11 and 34-35]; and

a casing separated from a case of said information processor for accommodating said memory, said button, said network linking device and said microprocessor [Figs. 2-3; Abstract: lines 1-4].

Sisodia further teaches that communications between the access point device and the portable computer is initiated in response to the control signal. Sisodia does not specifically teach that the act of establishing an Internet connection is also initiated by

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the same control signal. However, Jang teaches an internet shortcut connection method by pushing a single button [Abstract; paragraph 57].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Sisodia and Jang by activating the access point device's internet bridge function with a single button push because Sisodia has already implemented a similar concept in starting up the portable computer and by integrating the Internet connection process in one button push (which takes only a slight modification in light of Jang's teaching) it would make Sisodia's system much simpler to operate.

5. As to claims 4-6, Sisodia further teaches that said information processor is a personal computer, PDA, or a digital player [e.g., Abstract; paragraph 33].

6. As to claim 7, Sisodia further teaches that said online program, said starting program and said network address stored in said memory are changeable and set by a user [e.g., paragraphs 8 and 28-29].

7. As to claim 8, Sisodia further teaches that said network linking device is a modem or network interface card [paragraph 11].

8. As to claims 11-13, Sisodia further teaches that the system comprises a wireless transmission module in communication with said microprocessor and said information

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processor for wirelessly transmitting a signal between said microprocessor and said information processor, wherein said wireless transmission module is a Bluetooth wireless transmission module or infrared-ray transmission module [Abstract; Figs. 1 and 3].

9. As to claims 9 and 14-17, since the features of these claims can also be found in claims 1, 4-8 and 11-13, they are rejected for the same reasons set forth in the rejection of claims 1, 4-8 and 11-13 above.

10. Claims 2-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sisodia et al.(hereafter "Sisodia")[U.S. PGPub 20030165128], as applied to claims 1, 4-9 and 11-17 above and Jang et al.(hereafter "Jang")[U.S. PGPub. 20020091754], as applied to claims 1, 4-9 and 11-17 above, further in view of Bi et al.(hereafter "Bi")[U.S. Pat. No. 6279153].

11. As to claims 2-3, Sisodia does not specifically teach that said memory is a nonvolatile memory, which can be a flash memory.

However, in the same field of endeavor Bi teaches that wireless interface device can include flash memory as nonvolatile storage.

It would have been obvious to one of ordinary skill in the art at the time the invention was made that flash memory may also be used in Sisodia's access point

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device because it is well known that flash memory provides low-power, high-density solid-state storage means.

12. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sisodia et al.(hereafter "Sisodia")[U.S. PGPub 20030165128] and Jang et al.(hereafter "Jang")[U.S. PGPub. 20020091754], as applied to claims 1-9 and 11-17 above, further in view of Official Notice.

13. As to claim 10, Sisodia does not specifically teach that said network linking device is a set-top box. However, Official Notice is taken that it is well known in the art to use a set-top box as a network linking device. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have included the set-top box as Sisodia's optional network linking device because the latter is popular in downloading video information [paragraph 11].

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Nakashima et al. [U.S. PGPub 20020010868];

Naim [U.S. Pat. No. 6694200];

Witkowski et al. [U.S. PGPub 20040048622]; and

Katz et al. [U.S. PGPub 20030140114].

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15. A shortened statutory period for response to this action is set to expire 3 (three) months and 0 days from the mail date of this letter. Failure to respond within the period for response will result in ABANDONMENT of the application (see 35 U.S.C. 133, M.P.E.P. 710.02, 710.02(b)).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (703)305-4875. The examiner can normally be reached on Monday-Friday (8:00-5:00) .

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (703)305-8498. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:


(703)872-9306 for official communications; and

(703)746-5516 for status inquires draft communication.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.

Wen-Tai Lin

October 7, 2004


10/7/04